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In re Application of: Rogers

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For: Cellular Coal Products and Processes

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By

Auzville Jackson, Jr.

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Second Preliminary Amendment

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

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TC 1700

Please insert the following new claims 40-44:

40) A semi-crystalline, largely isotropic, coal-based carbon foam having a thermal conductivity below about 1 W/m/ $^{\circ}$ K.

41) The carbon foam of claim 1 having a density of between about 0.1 and about 0.8 g/cm³.

42) A coal-based carbon foam produced by the direct heating of comminuted coal particles in a pressure controlled mold and under a non-oxidizing atmosphere to a temperature ranging from about 300° C to about 700° C.